OPTICAL FINGERPRINT DETECTION MECHANISM

서지사항

권리구분	특허공개		
출원번호	1992-043025	공개번호	1993-242230
출원일	19920228	공개일	19930921
국제분류	G06F-015/64 A61B-005/117, G06F-015/62		
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ABSTRACT

PURPOSE: To improve the positioning precision between an optical system and an image pickup element by attaching the image pickup element to a printed circuit board with a positioning plate between them to make a light reception face and the printed circuit board accurately parallel. CONSTITUTION: An image pickup element 14 is soldered to a printed circuit board 17 with a positioning plate 20 between them, and as the result, the light reception face of the image pickup element 14 is certainly parallel with the printed circuit board 17. Since a protective case 24 covering a light source 12 and the image pickup element 14 is fixed after being positioned to the positioning plate 20, the case 24 is parallel with the positioning plate 20; and consequently, arrangement of the image pickup element 14 and the case 24 is unequivocally determined. The positioning precision of a first parallel plane plate 30 placed on the case and a parallel plane plate 31 placed on this plate 30 is fixedly determined to the case 24.

원문보기　　　　일한번역　　* 일한번역 원문

* 데이터로딩 및 번역에 약 10-20초가 소요됩니다.

* 원문을 보시려면 원문 Viewer가 필요합니다. (다운받기)